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Checklist of the family Anthomyiidae (Diptera) of Finland

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Abstract

An updated checklist of the the genera and species of Anthomyiidae (Diptera) found in Finland is provided.

Keywords

Checklist, Finland, Diptera, Anthomyiidae

Introduction

The family Anthomyiidae is a large and taxonomically difficult group of flies that has for the same reason suffered from unstable taxonomy and nomenclature. A checklist of the anthomyiid species known from pre-war Finland was compiled by their leading regional specialist of calyptrate flies Lauri Tiensuu (1906–1980) and published in Frey et al. (1941). The Anthomyiidae were then not recognized as a separate family but combined with the fanniid and true muscid flies in a comprehensive Muscidae family equivalent of the present Muscoidea less Scathophagidae. Tiensuu's list included confirmed records of 199 anthomyiid species classified in 41 genera and subgenera. No less than 34% of the species names and 58% of the genus-group names in that list are

presently replaced by other names for taxonomic and/or nomenclatorial reasons. Most changes were introduced by Hennig (1966–1976) and Michelsen (1985).

The next Finnish checklist of Anthomyiidae by Hackman (1980) was prepared under the influence by two major events. Firstly, 10% of the area of pre-war Finland, notably a major part of Finnish Karelia, had been ceded to the Soviet Union. In consequence, Hackman's list included fewer species: 175 (too few actually, as he missed a few species recorded by Tiensuu (1936) from present Finland). Secondly, the appearance of Hennig's (1966–1976) major revision of Palearctic Anthomyiidae had resulted in numerous name changes and redefinitions of both species and genera. Hackman's list was updated according to Hennig's proposals except for the splitting of newly recognized species complexes.

After the appearance of the 1941-checklist, L. Tiensuu had stopped publishing taxonomic and faunistic papers on Finnish Diptera altogether, although he stayed active all his life as a skilled collector of Finnish Diptera. Apart from W. Hennig's study of some type specimens in the Helsinki Museum and a project on mushroom feeding *Pegomya* (Hackman 1976, 1979; Hackman and Meinander 1979) Finnish anthomyiids were given little attention until the present author in the early 1980's began a long-term study of the species composition and distribution of Anthomyiidae in Fennoscandia and Denmark.

The web-based database *Fauna Europaea* ver. 1.0 released in 2004 included anthomyiid checklists (Michelsen 2004) for all parts of Europe. It was based extensively on literature records, but in respect to Finland and the other Scandinavian countries almost exclusively on personally verified records. The Diptera collection of the Finnish Museum of Natural History, University of Helsinki (MZH) provided most of the data on the Finnish anthomyiid fauna. After several updates, most recently ver. 2.4 from January 2011, the Finnish list of Anthomyiidae (Michelsen 2011) had grown substantially to 273 species (<http://www.faunaeur.org/>). The anthomyiid checklist given below has been further expanded and now contains 289 species. Comparisons with the better known anthomyiid fauna of Sweden and the presence of some species awaiting description suggest that the anthomyiid fauna of Finland may totally comprise 315–325 species.

All nomenclatorial and taxonomic adjustments (new synonyms, misidentifications, changed circumscriptions of species and genera) made since the appearance of Hackman's (1980) checklist are indicated in the following, updated checklist. In agreement with *Fauna Europaea* the genera are listed alphabetically, as existing attempts to split the family into subfamilies and tribes are preliminary and in part poorly substantiated.

Number of described species:

World: Presently c. 2000.

Europe: 508 (Michelsen 2011)

Finland: 289 (present paper)

Faunistic knowledge level in Finland: average

Checklist

superfamily Muscoidea Latreille, 1802

family **ANTHOMYIIDAE** Robineau-Desvoidy, 1830

ADIA Robineau-Desvoidy, 1830

= *Paregle* auct. p. p.

Adia cinerella (Fallén, 1825)

ALLIOPSIS Schnabl & Dziedzicki, 1911

= *Paraprosalpia* Villeneuve, 1922

Alliopsis albipennis (Ringdahl, 1928)

Alliopsis aldrichi (Ringdahl, 1934)

Alliopsis atronitens (Strobl, 1893)

Alliopsis benanderi (Ringdahl, 1926)

Alliopsis billbergi (Zetterstedt, 1838)

Alliopsis brunneigena (Schnabl, 1915)

= *incisa* Ringdahl, 1926

Alliopsis conifrons (Zetterstedt, 1845)

Alliopsis denticauda (Zetterstedt, 1838)

Alliopsis dentiventris (Ringdahl, 1918)

Alliopsis fractiseta (Stein, 1908)

Alliopsis glacialis (Zetterstedt, 1845)

Alliopsis longipennis (Ringdahl, 1918)

Alliopsis maculifrons (Zetterstedt, 1838)

Alliopsis moerens (Zetterstedt, 1838)

Alliopsis sepiella (Zetterstedt, 1845)

Alliopsis silvestris (Fallén, 1824)

Alliopsis teriolensis (Pokorný, 1893)

= *borealis* Stein, 1916

ANTHOMYIA Meigen, 1803

= *Craspedochaeta* Macquart, 1851

= *Craspedochaeta* Scudder, 1884 (emend.)

= *Chelisia* Rondani, 1856

Anthomyia canningsi Griffiths, 2001

Anthomyia confusanea Michelsen in Michelsen & Báez, 1985

= *pullula* auct. p. p.

Anthomyia imbrida Rondani, 1866

= *pluvialis* auct. p. p.

Anthomyia liturata (Robineau-Desvoidy, 1830)

= *pullula* Zetterstedt, 1845

Anthomyia mimetica (Malloch, 1918)

= *angulata* Tiensuu, 1938

Anthomyia monilis (Meigen, 1826)

- Anthomyia plurinotata* Brullé, 1832
Anthomyia pluvialis (Linnaeus, 1758)
Anthomyia procellaris Rondani, 1866
= *pluvialis* auct. p. p.
BOREOPHORBLA Michelsen, 1987
Boreophorbia hirtipes (Stein, 1907)
BOTANOPHILA Lioy, 1864
= *Pegohylemyia* Schnabl, 1911
Botanophila apiciseta (Ringdahl, 1933)
Botanophila betarum (Lintner, 1883)
= *macra* Karl, 1940
Botanophila biciliaris (Pandellé, 1900)
Botanophila bidens (Ringdahl, 1933)
Botanophila brunneilinea (Zetterstedt, 1845)
Botanophila cognata Suwa, 2011
= *subnitida* Malloch, 1920?
Botanophila discreta (Meigen, 1826)
= *striolata* auct. p. p.
Botanophila dissecta (Meigen, 1826)
Botanophila estonica (Elberg, 1970)
= *varicolor* auct. p. p.
Botanophila fugax (Meigen, 1826)
Botanophila gemmata (Zetterstedt, 1860)
Botanophila gnava (Meigen, 1826)
Botanophila hucketti (Ringdahl, 1935)
Botanophila impudica (Rondani, 1866)
= *varicolor* auct. p. p.
Botanophila laterella (Collin, 1967)
Botanophila latifrons (Zetterstedt, 1845)
= *humeralis* Hennig, 1970
Botanophila lobata (Collin, 1967)
Botanophila maculipes (Zetterstedt, 1845)
= *pseudomaculipes* Strobl, 1893
Botanophila miniatura (Huckett, 1965)
Botanophila nigra Michelsen, 2009
Botanophila petrophila (Ringdahl, 1926)
Botanophila phrenione (Séguy, 1937)
Botanophila profuga (Stein, 1916)
Botanophila relativa (Huckett, 1965)
Botanophila rubrifrons (Ringdahl, 1933)
Botanophila rubrigena (Schnabl, 1915)
Botanophila salicis (Ringdahl, 1918)
Botanophila sericea (Malloch, 1920)

= *obscura* auct. nec Macquart, 1835

Botanophila silvatica (Robineau-Desvoidy, 1830)

Botanophila sonchi (Hardy, 1872)

Botanophila spinosa (Rondani, 1866)

Botanophila striolata (Fallén, 1824)

Botanophila trapezina (Zetterstedt, 1845)

= *varicolor* auct. p. p.

Botanophila unicolor (Ringdahl, 1932)

Botanophila varicolor (Meigen, 1826)

Botanophila verticella (Zetterstedt, 1838)

= *lineatula* Karl, 1928

CALYTHERA Schnabl & Dziedzicki, 1911

Calythea nigricans (Robineau-Desvoidy, 1830)

CHIASTOCHETA Pokorny, 1889

Chiastocheta dentifera Hennig, 1953

Chiastocheta inermella (Zetterstedt, 1838)

= *trollii* auct. p. p.

Chiastocheta macropyga Hennig, 1953

Chiastocheta trollii (Zetterstedt, 1845)

CHIROSLA Rondani, 1856

= *Craspedochaeta* auct. p. p.

Chirosia albitarsis (Zetterstedt, 1845)

Chirosia betuleti (Ringdahl, 1935)

Chirosia bisinuata (Tiensuu, 1939)

Chirosia cinerosa (Zetterstedt, 1845)

Chirosia crassiseta Stein, 1908

Chirosia flavipennis (Fallén, 1823)

Chirosia griseifrons (Séguy, 1923)

Chirosia grossicauda Strobl, 1901

= *parvicornis* auct. nec Zetterstedt, 1845

Chirosia histricina (Rondani, 1866)

= *hystrix* Brischke, 1880

Chirosia nigripes Bezzi, 1895

= *albifrons* Tiensuu, 1938

Chirosia similata (Tiensuu, 1939)

DELIA Robineau-Desvoidy, 1830

Delia abruptiseta (Ringdahl, 1935)

Delia albula (Fallén, 1825)

Delia angustaeformis (Ringdahl, 1933)

Delia angustifrons (Meigen, 1826)

Delia antiqua (Meigen, 1826)

Delia brassicaeformis (Ringdahl, 1926)

Delia brunnescens (Zetterstedt, 1845)

- Delia cardui* (Meigen, 1826)
Delia carduiformis (Schnabl in Schnabl & Dziedzicki, 1911)
Delia coarctata (Fallén, 1825)
Delia coarctoides Michelsen, 2007
Delia cregyoglossa (Huckett, 1965)
 = *turcica* Hennig, 1974
Delia criniventris (Zetterstedt, 1860)
Delia cuneata Tiensuu, 1946
Delia diluta (Stein, 1916)
Delia echinata (Séguy, 1923)
Delia fabricii (Holmgren, 1872)
Delia flavogrisea (Ringdahl, 1926)
Delia floralis (Fallén, 1824)
Delia florilega (Zetterstedt, 1845)
Delia frontella (Zetterstedt, 1838)
Delia hirtitibia (Stein, 1916)
Delia judicariae (Pokorny, 1893)
 = *flavifrons* auct. p. p.
Delia lamelliseta (Stein, 1900)
Delia linearis (Stein, 1898)
 = *flabellifera* Pandellé, 1900
Delia lineariventris (Zetterstedt, 1845)
Delia longicauda (Strobl, 1898)
Delia lophota (Pandellé, 1900)
 = *nuda* Strobl, 1901
Delia martini Griffiths, 1993
Delia nigrescens (Rondani, 1877)
Delia nudicosta (Ringdahl, 1949)
Delia pallipennis (Zetterstedt, 1838)
 = *candens* Zetterstedt, 1845
Delia penicilliventris Ackland, 2010
 = *penicillaris* auct. nec Rondani, 1866
Delia pilifemur (Ringdahl, 1933)
Delia piliventris (Pokorny, 1889)
Delia planipalpis (Stein, 1898)
Delia platura (Meigen, 1826)
Delia pruinosa (Zetterstedt, 1845)
 = *flavifrons* Zetterstedt, 1860
Delia radicum (Linnaeus, 1758)
 = *brassicae* Wiedemann, 1817
Delia rimiventris Michelsen, 2007
Delia rondanii (Ringdahl, 1918)
Delia setigera (Stein, 1920)

Delia sileni Michelsen, 2012

= *flavifrons* auct. p. p.

Delia subalpina (Ringdahl, 1926)

Delia tarsata (Ringdahl, 1918)

Delia tenuiventris (Zetterstedt, 1860)

= *angustitarsis* Malloch, 1920

Delia tumidula (Ringdahl, 1949)

Delia uniseriata (Stein, 1914)

EGLE Robineau-Desvoidy, 1830

Egle atomaria (Zetterstedt, 1845)

Egle brevicornis (Zetterstedt, 1838)

Egle ciliata (Walker, 1849)

= *muscaria* auct. nec Fabricius, 1794

Egle concomitans (Pandellé, 1900)

Egle ignobilis Michelsen, 2009

Egle inermis Ackland, 1970

Egle lyneborghi Ackland & Griffiths in Griffiths, 2003

Egle minuta (Meigen, 1826)

Egle parva Robineau-Desvoidy, 1830

Egle parvaeformis Schnabl in Schnabl & Dziedzicki, 1911

Egle pilitibia (Ringdahl, 1918)

Egle rhinotmeta (Pandellé, 1900)

Egle steini Schnabl in Schnabl & Dziedzicki, 1911

Egle subarctica (Huckett, 1965)

EMMESOMYIA Malloch, 1917

Emmesomyia grisea (Robineau-Desvoidy, 1830)

= *socia* auct. p. p.

Emmesomyia socia (Fallén, 1825)

EUSTALOMYIA Kowarz, 1873

Eustalomyia festiva (Zetterstedt, 1845)

Eustalomyia hilaris (Fallén, 1823)

Eustalomyia hystrio (Zetterstedt, 1838)

Eustalomyia vittipes (Zetterstedt, 1845)

EUTRICHOTA Kowarz, 1893

= *Eremomyia* Stein, 1898

= *Pegomyza* Schnabl & Dziedzicki, 1911

= *Arctopegomyia* Ringdahl, 1938

Eutrichota frigida (Zetterstedt, 1845)

Eutrichota labradorensis (Malloch, 1920)

Eutrichota longimana (Pokorny, 1887)

Eutrichota pilimana (Ringdahl, 1918)

Eutrichota praepotens (Wiedemann, 1817)

Eutrichota schineri (Schnabl, 1910)

- = *socculata* auct. nec Zetterstedt, 1845
Eutrichota socculata (Zetterstedt, 1845)
= *consanguinea* Tiensuu, 1938
Eutrichota tunicata (Zetterstedt, 1846)
FUCELLIA Robineau-Desvoidy, 1842
Fucellia fucorum (Fallén, 1819)
Fucellia griseola (Fallén, 1819)
Fucellia tergina (Zetterstedt, 1845)
HETEROSTYLODES Hennig, 1967
Heterostylodes macrura (Schnabl in Schnabl & Dziedzicki, 1911)
Heterostylodes nominabilis (Collin, 1947)
= *pratensis* auct. p. p.
Heterostylodes obscura (Macquart, 1835)
= *pratensis* auct. p. p.
Heterostylodes pilifera (Zetterstedt, 1845)
= *pratensis* auct. p. p.
Heterostylodes pratensis (Meigen, 1826)
HYDROPHORIA Robineau-Desvoidy, 1830
Hydrophoria lancifer (Harris, 1780)
= *conica* Wiedemann, 1817
Hydrophoria linogrisea (Meigen, 1826)
Hydrophoria silvicola (Robineau-Desvoidy, 1830)
= *annulata* auct. nec Pandellé, 1899
HYLEMYA Robineau-Desvoidy, 1830
Hylemya nigrimana (Meigen, 1826)
Hylemya urbica Wulp, 1896
= *latifrons* Schnabl in Schnabl & Dziedzicki, 1911
Hylemya vagans (Panzer, 1798)
= *strenua* Robineau-Desvoidy, 1830
Hylemya variata (Fallén, 1823)
HYLEMYZA Schnabl & Dziedzicki, 1911
= *Hylemya* auct. p. p.
Hylemyza partita (Meigen, 1826)
LASIOMMA Stein, 1916
= *Crinurina* Karl, 1928
= *Acrostilpina* Ringdahl, 1929
Lasiomma anthomyinum (Rondani, 1866)
Lasiomma atricauda (Zetterstedt, 1845)
Lasiomma collini (Ringdahl, 1929)
Lasiomma craspedodontum (Hsue, 1980)
Lasiomma cuneicorne (Zetterstedt, 1838)
Lasiomma iwasai Suwa, 1978
Lasiomma japonicum Suwa, 1971

- Lasiomma latipenne* (Zetterstedt, 1838)
Lasiomma monticola Suh & Kwon, 1985
Lasiomma morionellum (Zetterstedt, 1838)
Lasiomma picipes (Meigen, 1826)
 = *octoguttata* Zetterstedt, 1845
Lasiomma quinquelineatum (Ringdahl, 1926)
Lasiomma seminitidum (Zetterstedt, 1845)
Lasiomma strigilatum (Zetterstedt, 1838)
 = *nitidicauda* Zetterstedt, 1855
LEUCOPHORA Robineau-Desvoidy, 1830
Leucophora cinerea Robineau-Desvoidy, 1830
Leucophora grisella Hennig, 1967
Leucophora obtusa (Zetterstedt, 1838)
Leucophora sericea Robineau-Desvoidy, 1830
Leucophora tavastica (Tiensuu, 1939)
Leucophora unilineata (Zetterstedt, 1838)
Leucophora unistriata (Zetterstedt, 1838)
MYCOPHAGA Rondani, 1856
Mycophaga testacea (Gimmerthal, 1834)
MYOPINA Robineau-Desvoidy, 1830
Myopina myopina (Fallén, 1824)
 = *reflexa* Robineau-Desvoidy, 1830
Myopina scoparia (Zetterstedt, 1845)
PARADELIA Ringdahl, 1933
 = *Pseudonupedia* Ringdahl, 1959 (*nomen nudum*)
 = *Pseudonupedia* Hockett, 1971
Paradelia brunneonigra (Schnabl in Schnabl & Dziedzicki, 1911)
Paradelia intersecta (Meigen, 1826)
Paradelia lunatifrons (Zetterstedt, 1846)
Paradelia lundbeckii (Ringdahl, 1918)
PAREGLE Schnabl, 1911
 = *Chionomyia* Ringdahl, 1933
Paregle atrisquama (Ringdahl, 1948)
Paregle audacula (Harris, 1780)
 = *radicum* auct. nec Linnaeus, 1758
Paregle vetula (Zetterstedt, 1838)
PEGOMYA Robineau-Desvoidy, 1830
Pegomya atricauda Ringdahl, 1944
Pegomya avida Hennig, 1973
Pegomya betae (Curtis, 1847)
 = *hyoscyami* auct. p. p.
Pegomya bicolor (Wiedemann, 1817)
Pegomya caesia Stein, 1906

- Pegomya calyptrata* (Zetterstedt, 1846)
Pegomya circumpolaris Ackland & Griffiths in Griffiths, 1983
Pegomya conformis (Fallén, 1825)
Pegomya cunicularia (Rondani, 1866)
 = *hyoscyami* auct. p. p.
Pegomya curviphallis Michelsen, 2006
Pegomya deprimata (Zetterstedt, 1845)
Pegomya exilis (Meigen, 1826)
 = *hyoscyami* auct. p. p.
Pegomya flavifrons (Walker, 1849)
Pegomya flavoscutellata (Zetterstedt, 1838)
Pegomya fulgens (Meigen, 1826)
Pegomya furva Ringdahl, 1938
Pegomya fuscinata Tiensuu, 1939
Pegomya geniculata (Bouché, 1834)
Pegomya grahami Michelsen & Ackland, 2009
Pegomya haemorrhoum (Zetterstedt, 1838)
 = *haemorrhoea* (misspelling)
Pegomya holmgreni (Boheman, 1859)
Pegomya holostae (Hering, 1924)
Pegomya hyoscyami (Panzer, 1809)
Pegomya incisiva Stein, 1906
Pegomya interruptella (Zetterstedt, 1855)
Pegomya lurida (Zetterstedt, 1846)
Pegomya maculata Stein, 1906
 = *atricauda* auct. p. p.
Pegomya meridiana (Villeneuve, 1923)
Pegomya notabilis (Zetterstedt, 1846)
 = *zonata* auct. nec Zetterstedt, 1838
Pegomya pallidoscutellata (Zetterstedt, 1852)
Pegomya pulchripes (Loew, 1857)
 = *flavipes* Fallén, 1825
Pegomya rubivora (Coquillett in Slingerland, 1897)
Pegomya ruficeps (Zetterstedt, 1838)
Pegomya rufina (Fallén, 1825)
Pegomya scapularis (Zetterstedt, 1846)
 = *pilosa* Stein, 1900
Pegomya seitenstettensis (Strobl, 1880)
Pegomya setaria (Meigen, 1826)
Pegomya solennis (Meigen, 1826)
 = *nigritarsis* Zetterstedt, 1838
Pegomya steini Hendel, 1925

- Pegomya tabida* (Meigen, 1826)
Pegomya tenera (Zetterstedt, 1838)
Pegomya testacea (De Geer, 1776)
 = *silacea* Meigen, 1830
Pegomya transgressa (Zetterstedt, 1846)
Pegomya vanduzeei Malloch, 1919
 = *versicolor* auct. nec Meigen, 1826
Pegomya vittigera (Zetterstedt, 1838)
Pegomya winthemi (Meigen, 1826)
Pegomya zonata (Zetterstedt, 1838)
 = *tenera* auct. nec Zetterstedt, 1838
PEGOPLATA Schnabl & Dziedzicki, 1911
 = **Nupedia** Karl, 1930
Pegoplata aestiva (Meigen, 1826)
Pegoplata annulata (Pandellé, 1899)
 = *virginea* auct. nec Meigen, 1826
Pegoplata infirma (Meigen, 1826)
Pegoplata nigroscutellata (Stein, 1920)
Pegoplata palposa (Stein, 1897)
Pegoplata patellans (Pandellé, 1900)
Pegoplata tundrica (Schnabl, 1915)
PHORBIA Robineau-Desvoidy, 1830
Phorbia atrogrisea Tiensuu, 1936
Phorbia curvicauda (Zetterstedt, 1845)
Phorbia fascicularis Tiensuu, 1936
Phorbia fumigata (Meigen, 1826)
 = *securis* Tiensuu, 1936
Phorbia genitalis (Schnabl in Schnabl & Dziedzicki, 1911)
Phorbia longipilis (Pandellé, 1900)
Phorbia melania Ackland & Michelsen, 1987
Phorbia moliniaris (Karl, 1917)
Phorbia penicillaris (Stein, 1916)
Phorbia singularis Tiensuu, 1938
Ringdablia Michelsen, 2014
Ringdablia curtigena (Ringdahl, 1935)
STROBILOMYIA Michelsen, 1988
 = **Lasiomma** auct. p. p.
Strobilomyia anthracina (Czerny, 1906)
Strobilomyia infrequens (Ackland, 1965)
Strobilomyia laricicola (Karl, 1928)
Strobilomyia sibirica Michelsen, 1988
Strobilomyia svenssoni Michelsen, 1988

SUBHYLEMYIA Ringdahl, 1933*Subhylemyia longula* (Fallén, 1824)**ZAPHNE** Robineau-Desvoidy, 1830= **Acroptena** Pokorný, 1893= **Hydrophoria** auct. p. p.*Zaphne ambigua* (Fallén, 1823)*Zaphne barbiventris* (Zetterstedt, 1845)*Zaphne brunneifrons* (Zetterstedt, 1838)*Zaphne caudata* (Zetterstedt, 1855)*Zaphne divisa* (Meigen, 1826)*Zaphne fasciculata* (Schnabl, 1915)*Zaphne frontata* (Zetterstedt, 1838)*Zaphne ignobilis* (Zetterstedt, 1845)*Zaphne inuncta* (Zetterstedt, 1838)= *hyalipennis* Zetterstedt, 1855*Zaphne lineatocollis* (Zetterstedt, 1838)= *laticornis* Ringdahl, 1916*Zaphne nuda* (Schnabl in Schnabl & Dziedzicki, 1911)*Zaphne proxima* (Malloch, 1920)*Zaphne verticina* (Zetterstedt, 1838)*Zaphne wierzejskii* (Mik, 1867)*Zaphne zetterstedtii* (Ringdahl, 1918)**Excluded species**

Botanophila rotundivalva (Ringdahl, 1937). Misidentification of closely related, still undescribed species first recorded from Ks by Frey (1956).

Delia angustiventris (Zetterstedt, 1845). Misidentification of *Delia nudicosta* (Ringdahl) by Tiensuu (1936).

Delia floricola Robineau-Desvoidy, 1830. An erroneous record introduced by Hennig (1974).

Delia penicillosa Hennig, 1974. An erroneous record introduced by Michelsen (2004).

Lasiomma multisetosum (Ringdahl, 1926). According to Tiensuu (1936) seen from "finnischen Lappland" by O. Ringdahl, but no specimens have been found in the Museum of Zoology, Lund University.

Pegomya glabroides Michelsen, 2008. Listed from Finland (Kuusamo: Kuolajärvi) by Michelsen (2008), but Kuolajärvi (now Kuoloyarvi) is presently situated in Russian Murmansk Oblast close to the Finnish border.

Pegomya laticornis (Fallén, 1825) (= *genupuncta* Stein, 1906). Identification inferred by Hendel (1922) from finds of leaf mines on *Arctium* by Linnaniemi (1913). Supposed *Pegomya*-leaf mines on *Arctium* have been reported from Finland several times since then, but no flies have been recovered so far.

Pegomya nigrisquama (Stein, 1888). Identification inferred by Hering (1925) from finds of leaf-mines on *Solidago virgaurea* by Linnaniemi (1913).
Pegomya sociella Stein, 1906. Only recorded from Le: Kilpisjärvi (Tiensuu 1933). Probably a misidentification.
Phorbia bartaki Ackland & Michelsen, 1987. Records by Kahanpää (2013) refer to *P. melania* Ackland & Michelsen.

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